Figure 1

Figure 2

Peddu et al.
AUS920010083US1
Method and Apparatus for Handling
Requests for Content in a Network Data
Processing System
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Server 202	Server 204	Server 206

200

212

Load manager 214	Server 208	Server 210

Network 216

Figure 3

Figure 4

Peddu et al.
AUS920010083US1
Method and Apparatus for Handling
Requests for Content in a Network Data
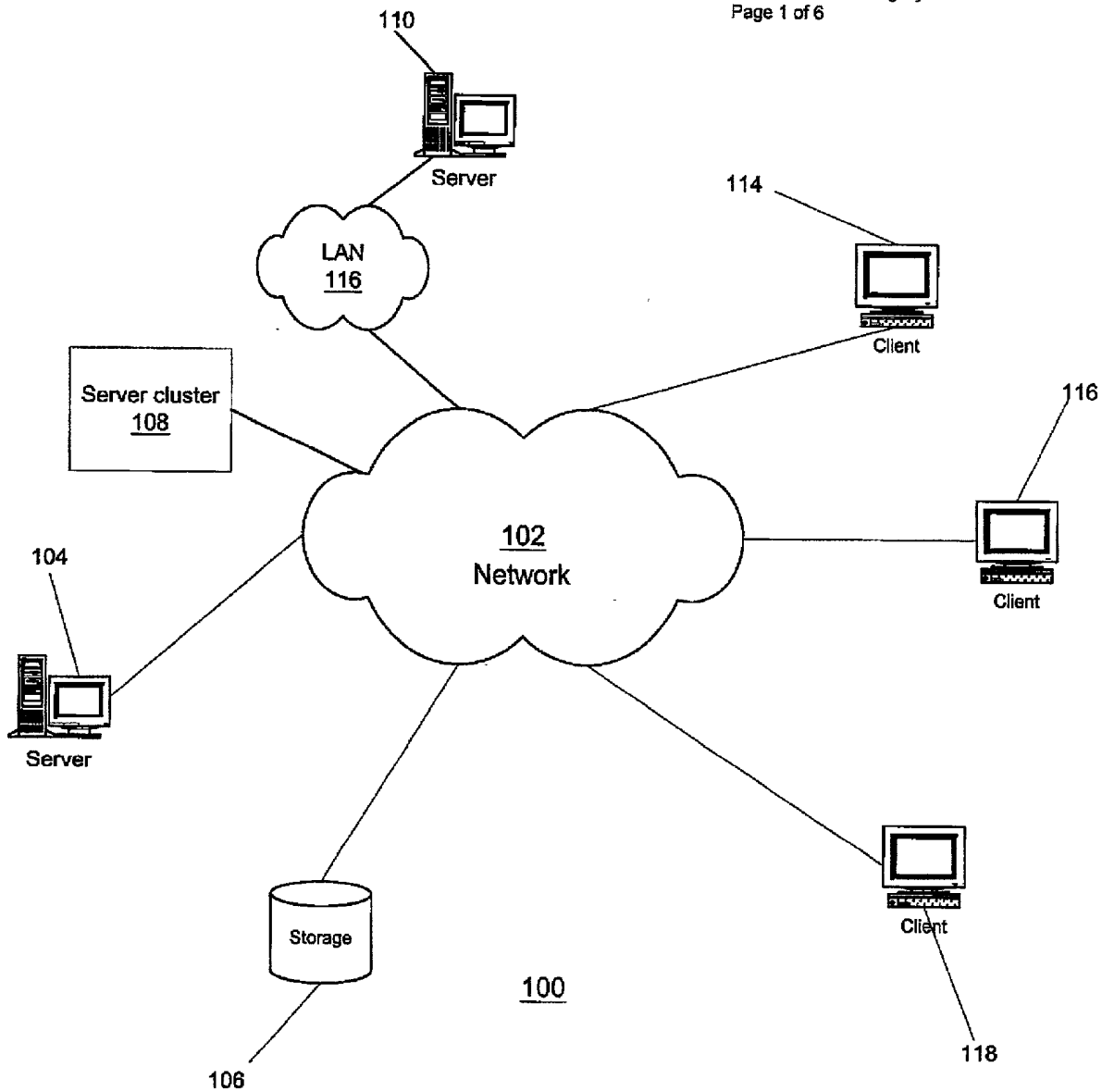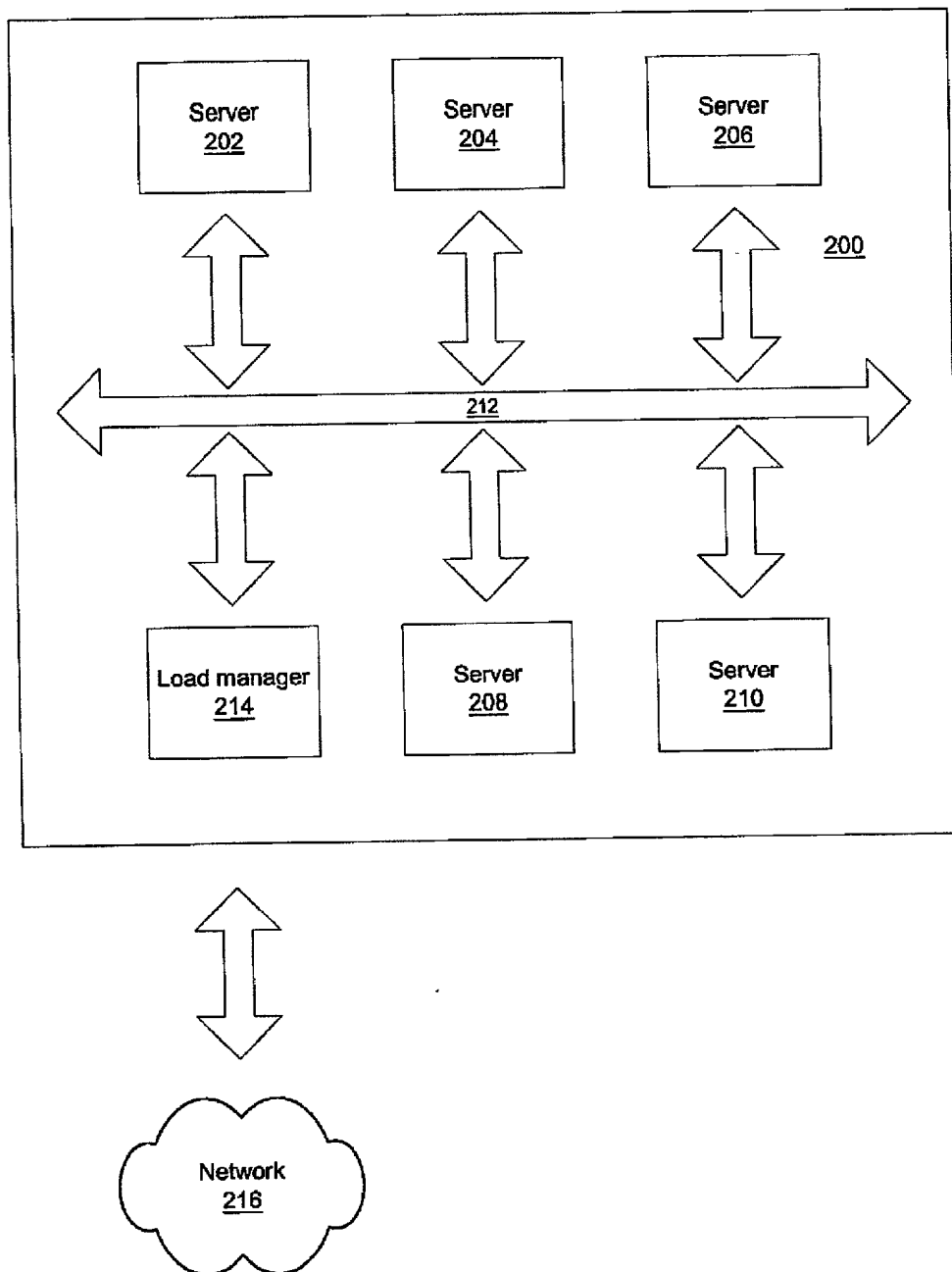Processing System
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Content source **408**		Content source **410**

Navigation database

406

Page Creation **402**

Web page **412**

400

User request **404**

Figure 5

500

Data **502**

Navigation database **508**

Content source **510**

512

Content source

Application logic **504**

Get navigation **516**

Get content **518**

Temp data **522**

Request **514**

Build page **520**

Presentation **506**

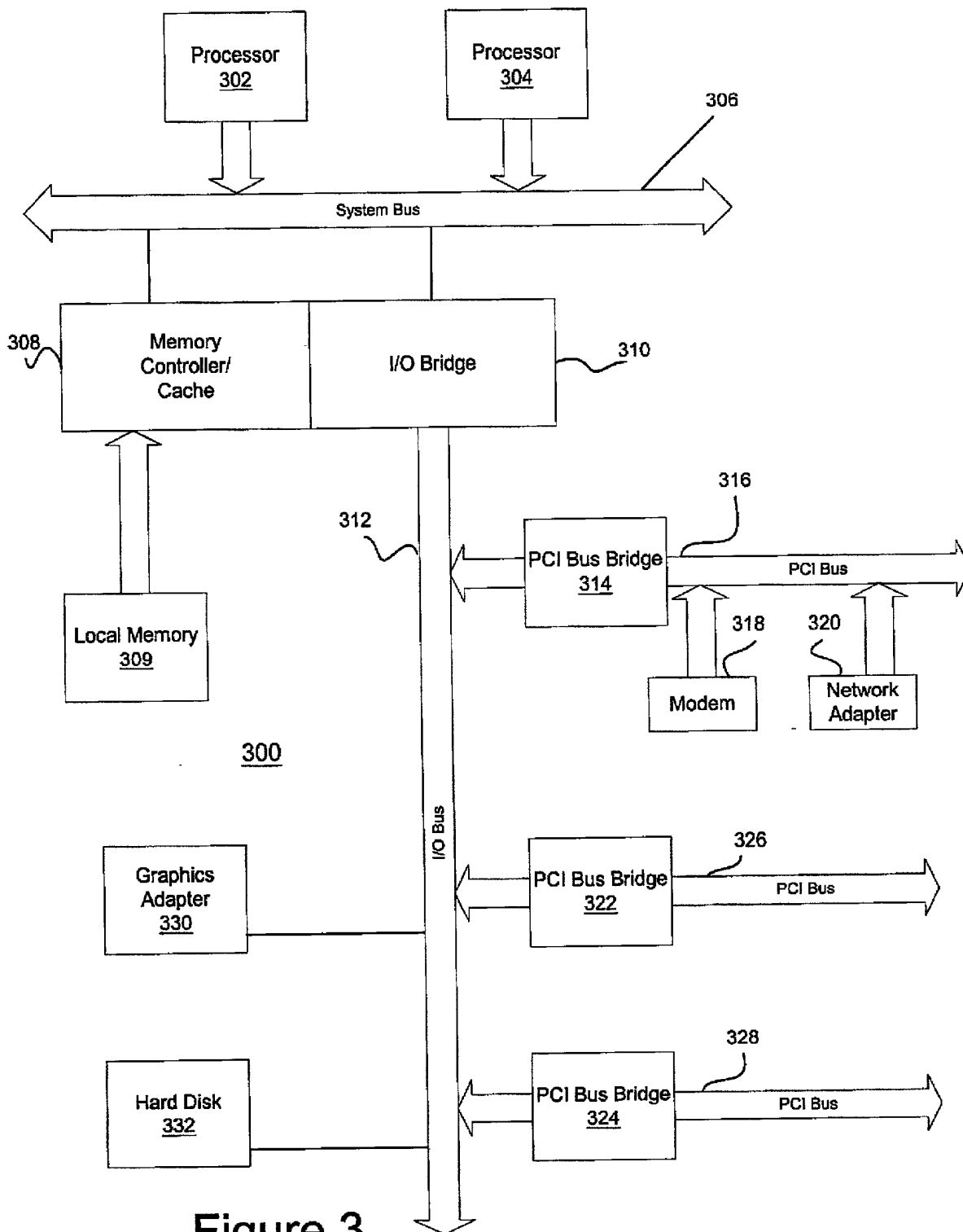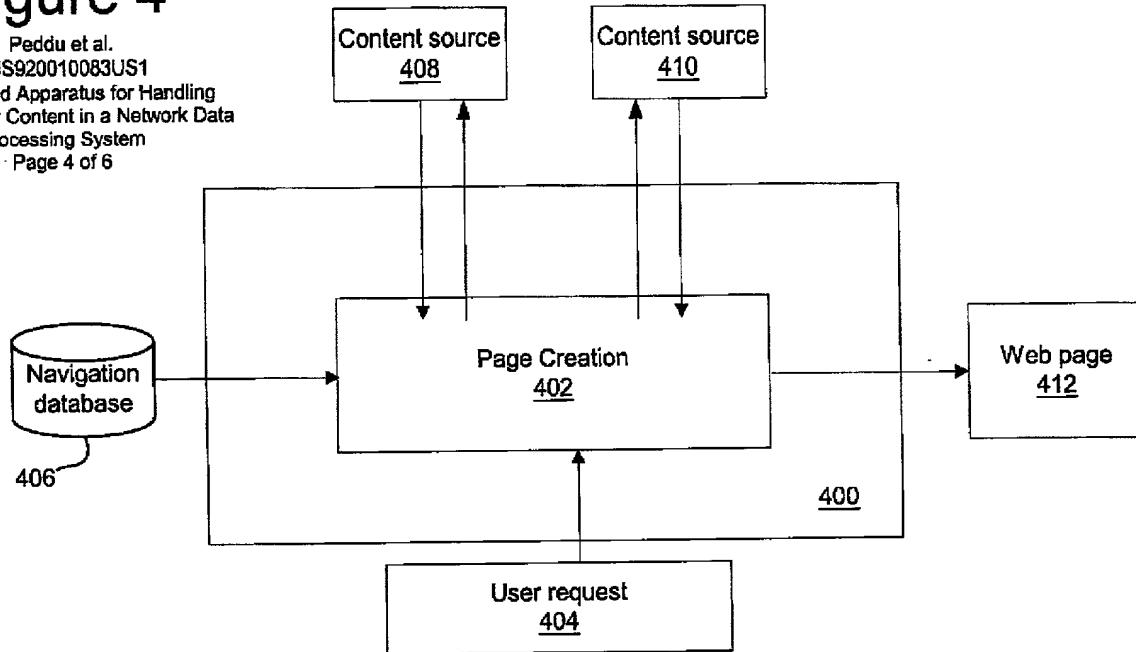**JSP**
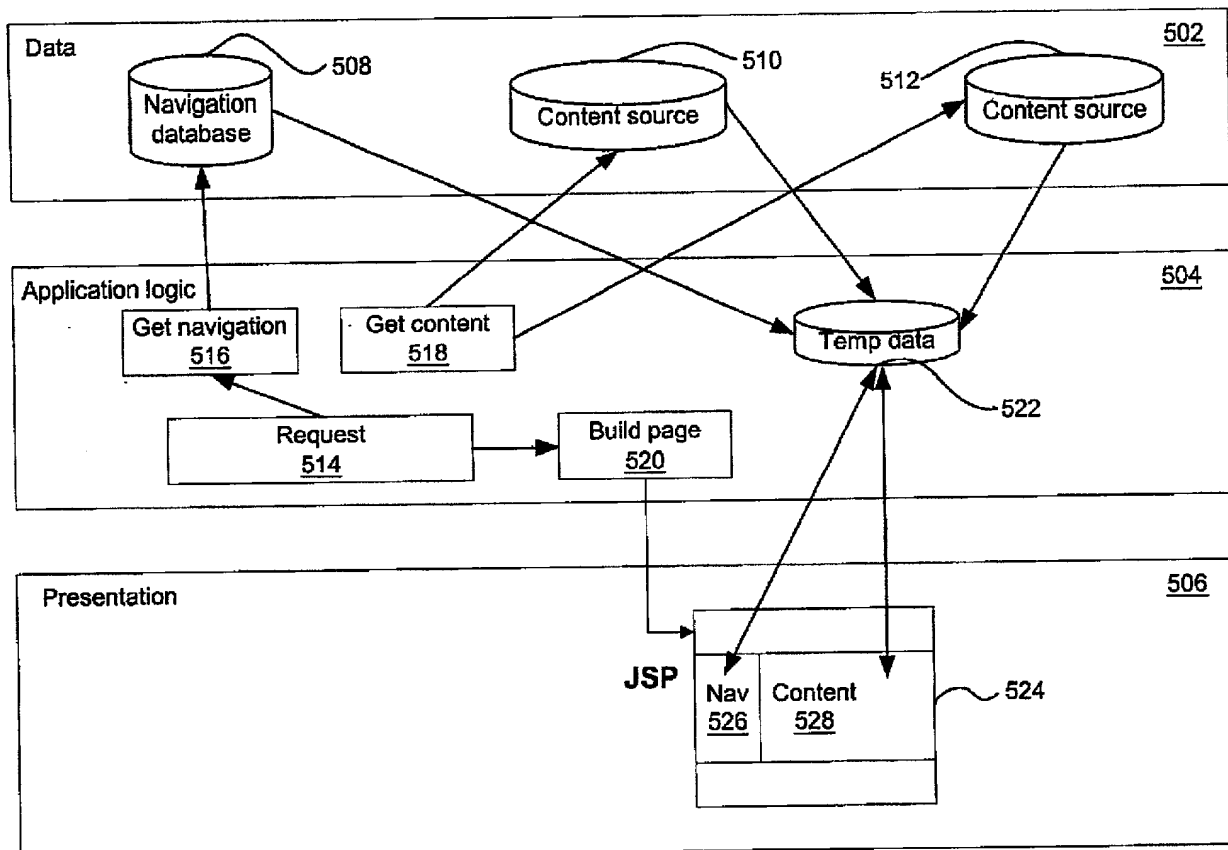
Nav **526**	Content **528**	**524**

Figure 6

Peddu et al.
AUS920010083US1
Method and Apparatus for Handling
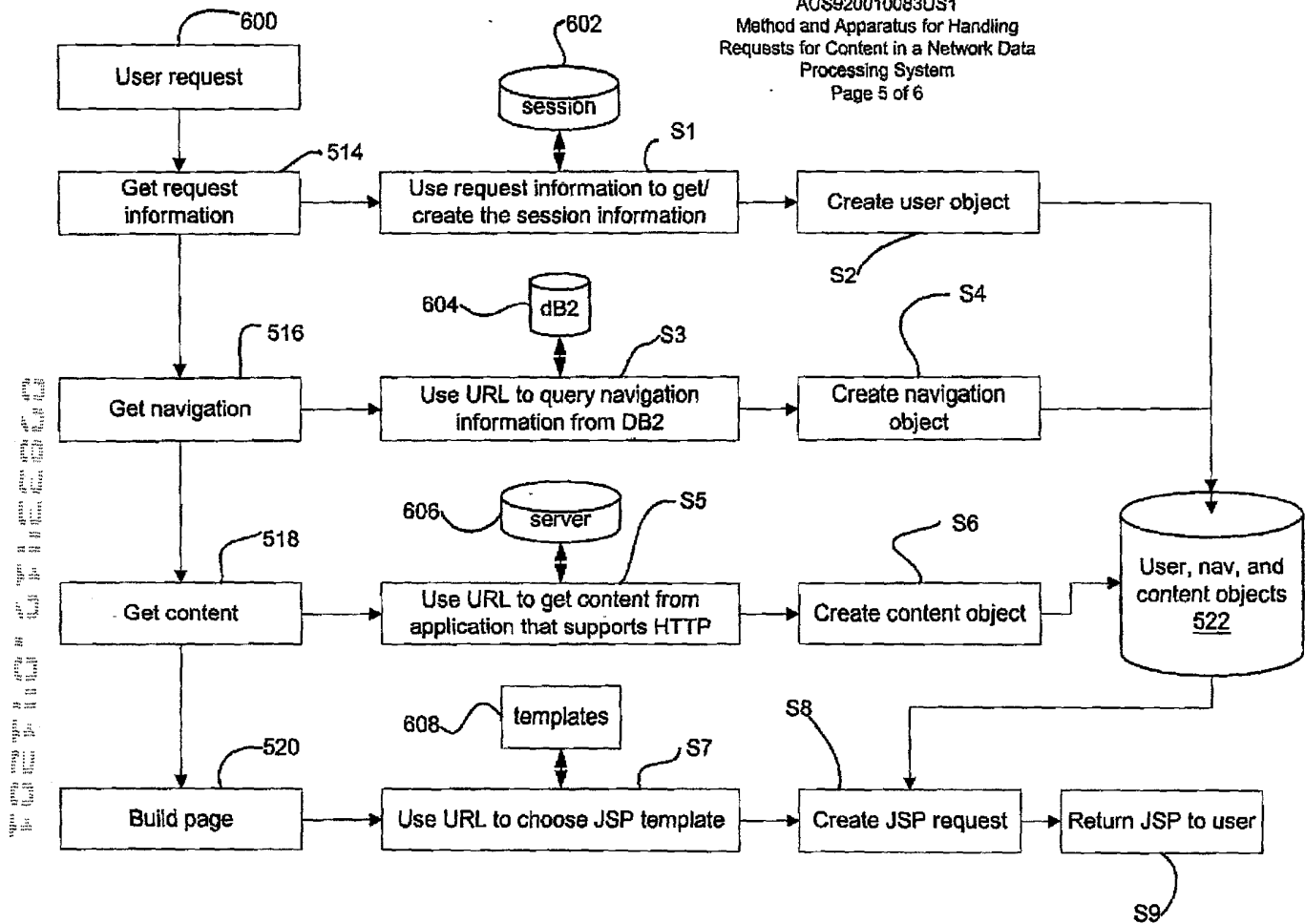Requests for Content in a Network Data
Processing System
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600

User request

514

Get request information → **Use request information to get/ create the session information** (session 602, S1) → **Create user object** S2

604 dB2 S3

516

Get navigation → **Use URL to query navigation information from DB2** → **Create navigation object** S4

606 server S5

518

Get content → **Use URL to get content from application that supports HTTP** → **Create content object** S6

User, nav, and content objects 522

608 templates

520

Build page → **Use URL to choose JSP template** S7 → **Create JSP request** S8 → **Return JSP to user** S9

Figure 7

URL	Server	Template	
www.ibm.com	IBM	template one	702
www.travel.com	Domino	template two	704
www.movies.com	Domino	template three	706
www.food.com	Notes	template four	708

700

Figure 8

Start

Receive user request
800

Parse request
802

Generate session information
804

Create user object using
session information
806

Store user object
808

Obtain navigation information
using URL from request
810

Create navigation object
812

Store navigation object
814

Obtain content from
appropriate content source
using URL from request
816

Create content object
818

Store content object
820

Select template using URL
from request
822

Create JSP using user
object, navigation object,
and content object
824

Return JSP to requestor
826

End